

ABSTRACT

3 Method and apparatus for debugging an operating system kernel. A server data
4 processing system includes a debugger control component and a network interface card that
5 implements a protocol stack, including layers from a physical layer through an application
6 layer. The network interface card further includes a debugger network component.
7 Debugger control messages received by the network interface card are directed to the
8 debugger network component. The debugger network component communicates the
9 debugger messages to the debugger control component in the kernel, and the debugger
10 control component performs debugging operations in response to the debugger messages.